

# Helping Tenants Go Green!

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# GSA's Journey to Sustainability

**Telepresence**



Hybrid car



# Basic Telepresence

**Cisco System 500**



**Tandberg Profile 52 Dual**

# Immersive Telepresence

## CISCO System 3010



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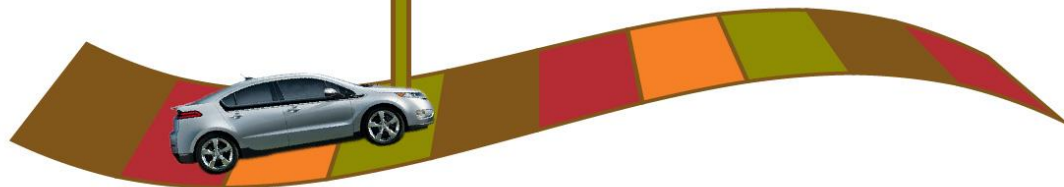
# GSA's Concept for Telepresence

- **15 locations throughout GSA**
  - 1 site per region; 4 sites in Washington, D.C. area
- **Joint use between PBS & FAS**
  - 30 hours per month for GSA use...guaranteed
  - GSA become “case study” for customers
  - Additional time available to customers on hourly basis
- **GSA can provide Telepresence to federal customers**
  - Customers can lease hourly from GSA or purchase entire system
  - Now available on GSA contracts
  - FAS available for procurement and PM needs
- **Supports Executive Order 13514**
- **Reduces overall travel costs**



# GSA's Journey to Sustainability

**FAS Green Products  
and Services**



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# Green Products

- Energy Efficient
- Water Efficient
- Bio-Based
- Environmentally Preferable
- Non-Ozone Depleting Substances



BioPreferred<sup>SM</sup>



- Office Products
- Furniture, Furnishings
- Housewares
- Cleaning Supplies
- Safety Products
- Industrial Supplies
- Tools and Hardware

*Think out of the Box!*  
*Make Green Second Nature*



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# Green Services

- Environmental Programs
- Energy Management
- Building Supplies



## BPAs



- HazMat and Pollution Recycling and Disposal
- Consulting and Training
- Building Commissioning
- Metering and Audits
- Water Conservation
- Solar Panels
- HVAC Systems

*At Your Service!*



# Alternative Fuel & Low GHG Vehicles

E-85 Ethanol  
Fueled (E-85)

Compressed  
Natural Gas  
Fueled (CNG)

Propane  
Fueled (LPG)

Hybrid Electric (HEV)



Low Speed  
Electric (LSE)

Plug-In Hybrid  
Electric  
Vehicles (PHEV)

Battery Electric  
Vehicles (BEV)

*Drive Lean and Green!*



# GSA Carbon Footprint and Green Procurement Tool

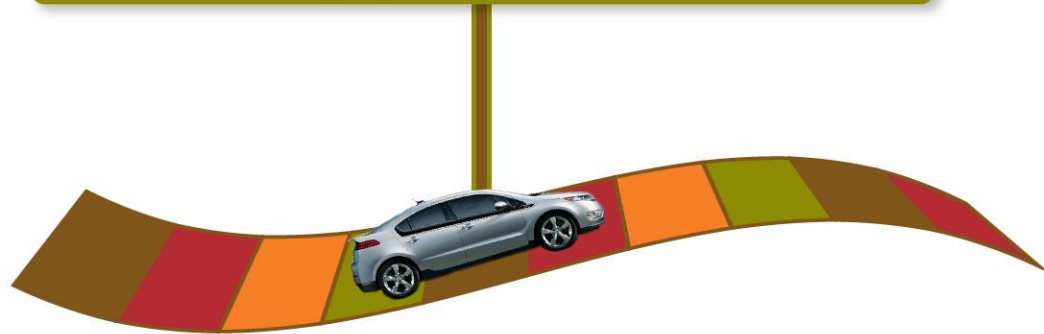
- Assist setting Green House Gas (GHG) reduction targets
- Compilation of a building-by-building GHG emission inventory
- Assist agencies manage GHG emissions
- Calculation of an agency's GHG baseline, broken down by Scope 1-3 emissions
- Preparation for reporting emissions to the Department of Energy's GHG Reporting Portal

[www.carbonfootprint.gsa.gov](http://www.carbonfootprint.gsa.gov)



# GSA's Journey to Sustainability

## Water and Energy Solutions



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# Water

Current **Population Growth in California** adds **100,000 acre-feet** to urban water demand each year

**1 acre-feet = 325,851 gallons**

There will be an **8% reduction in Regional Water Supply**

8% reduction in water supply will

**Increase County Water Rates by 12%**

for the next 2 years



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# Otay Mesa LPOE



**Zero** potable water  
use for irrigation

**Zero** wasted  
potable water

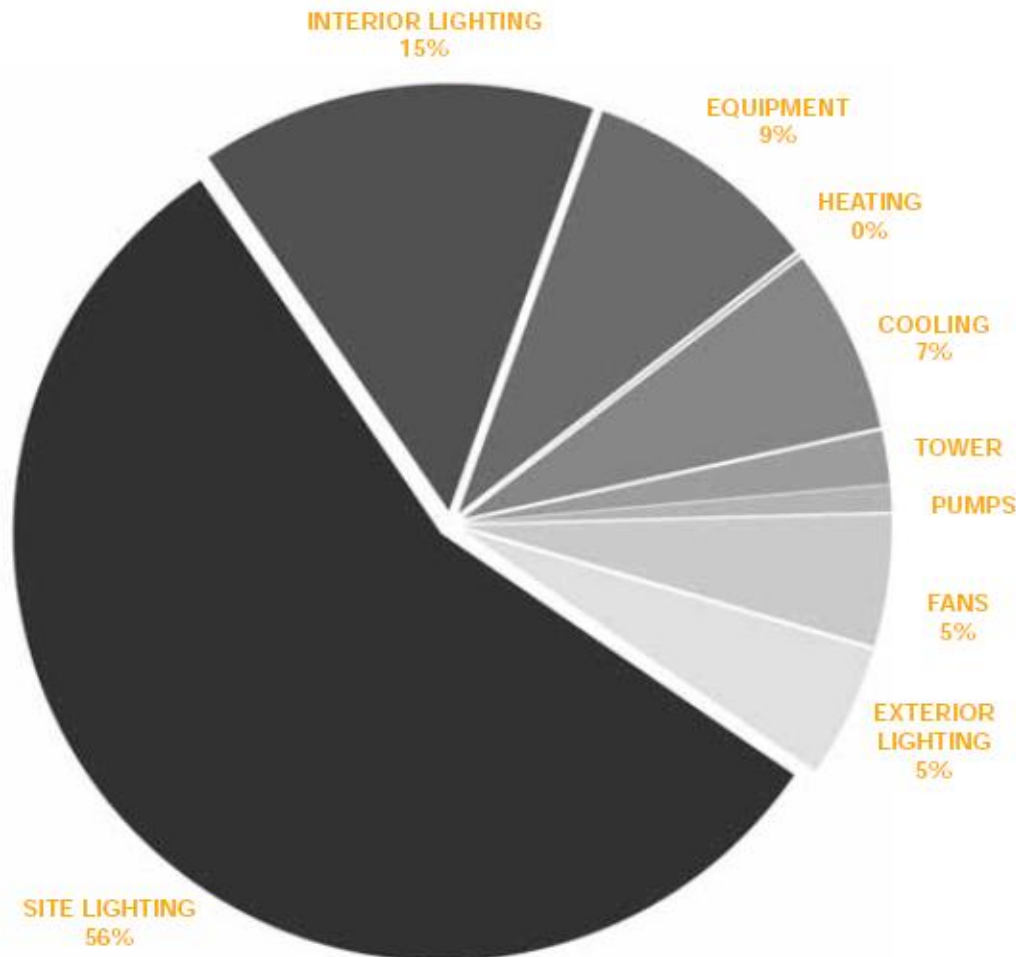


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# Otay Mesa LPOE

## SITE ENERGY USAGE



Total Baseline  
Lighting Energy:  
**61%** of total  
electricity bill

Proposed Lighting  
standard  
deviations:  
**\$56,575/yr.**  
savings, zero  
construction cost  
impact

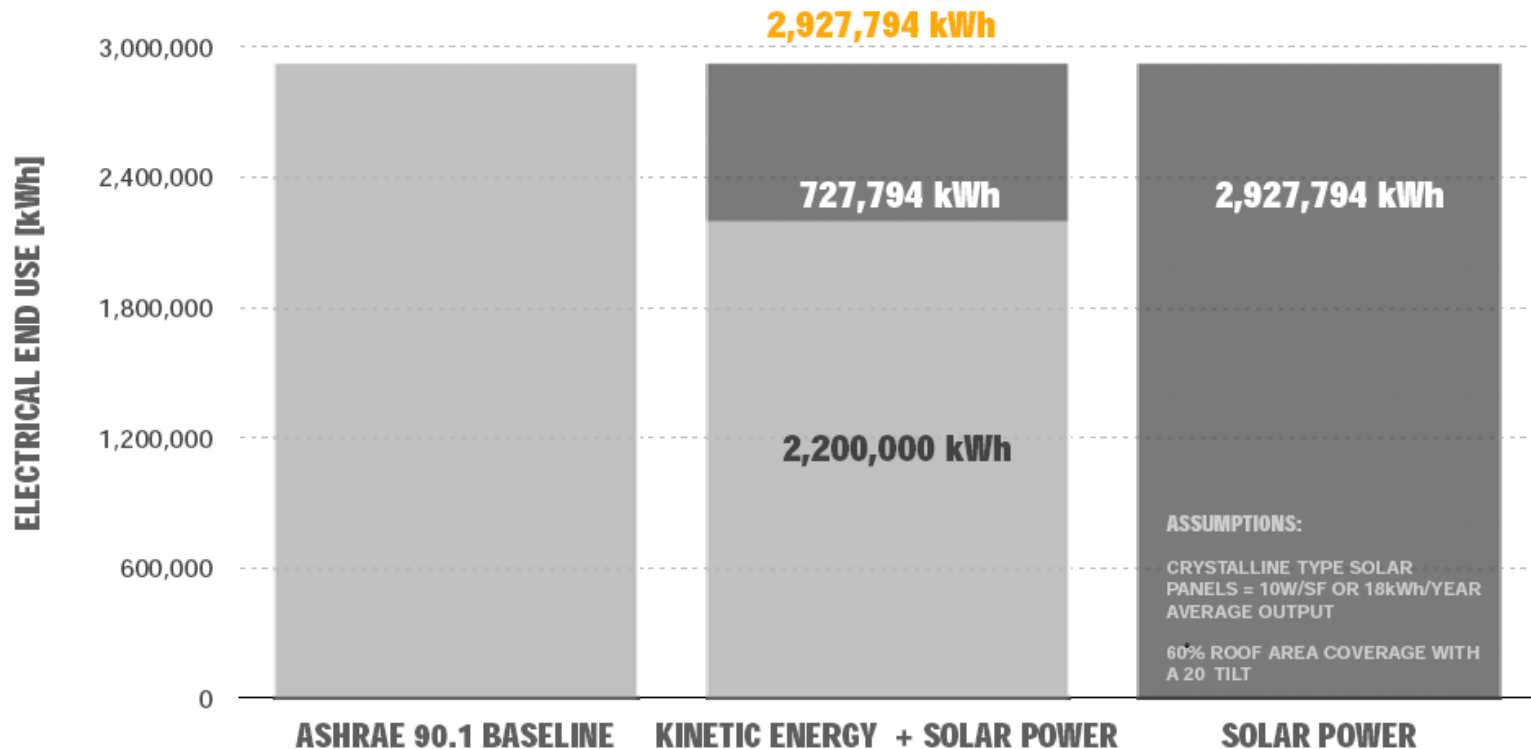


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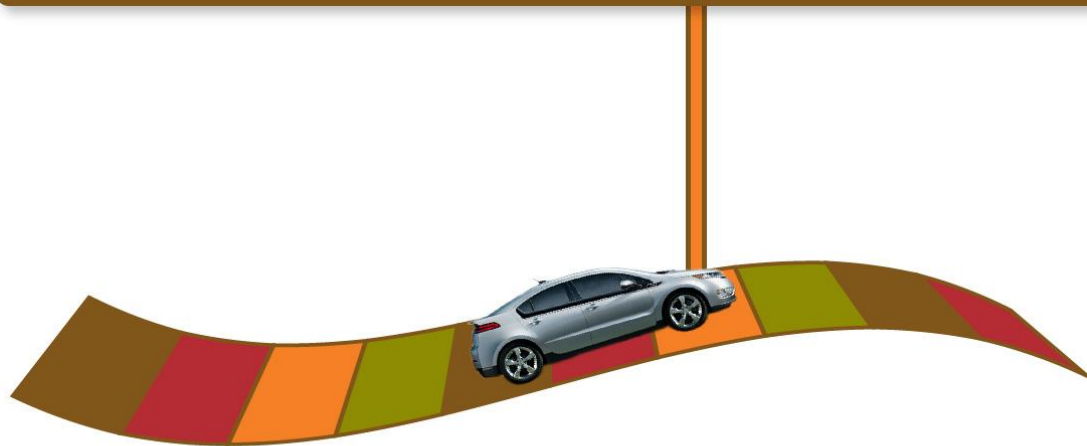
# Otay Mesa LPOE

## NET ZERO CALCULATIONS



# GSA's Journey to Sustainability

## Reuse of Personal Property



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# Federal Excess Personal Property Reuse

★ GSAXCESS.GOV ★

“The Green Machine”

**Green before  
green was cool.**



# Recycling Excess By Transfer & Donation



- **Transfer to federal agencies**



- **Donation to state agencies**





# E-Waste Recycling



- **Federal Prison Industries (UNICOR) e-waste recycling program**
- **Free to all federal agencies**

# Surplus Sales Program



**GSA Auctions®**  
General Services Administration  
... a GovSales.gov partner



**“Returning Green to  
Buy Green”**

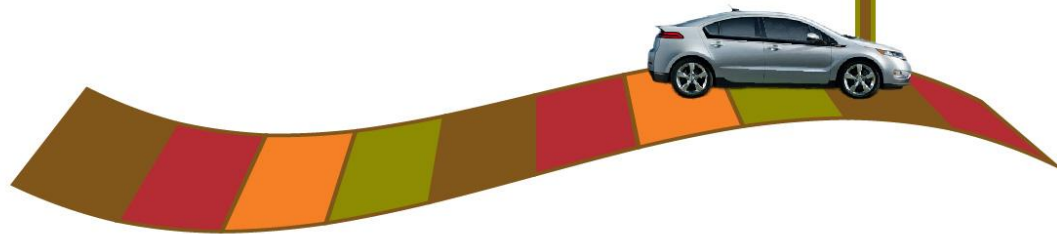


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# GSA's Journey to Sustainability

**LEED Support**



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# USGBC LEED Rating System

- 3<sup>rd</sup>-party certification body
- Increases
  - property value
  - worker health and productivity
- Silver required for:
  - New construction 10,000 sq. ft.+ for leases and owned
- Applies to Guiding Principles



# High-Performing Sustainable Buildings

## Guiding Principles

- Begin reporting via ENERGY STAR *Portfolio Manager*
  - Real time compliance tracking
- Lead by example: walk the walk
- Help agencies meet their performance targets through quality building management
- ARRA MPC Checklists as a tool



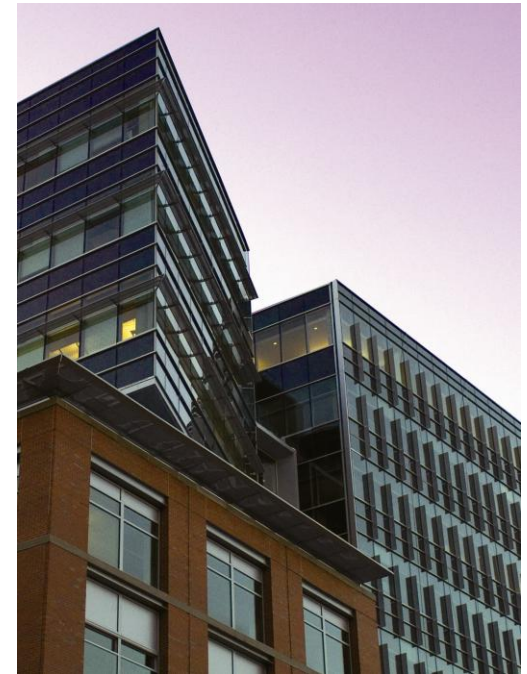
# ARRA MPC Excerpts

- Use ENERGY STAR or FEMP-designated Energy Efficient Products (GP & EO13423)
- Where available, use EPA's *WaterSense* labeled products — faucets, toilets, urinals, showerheads and irrigation controls (GP & EO13423)
- Use products with recycled content according to the Comprehensive Procurement Guidelines. (RCRA, GP & EO13423)
- Use products with bio-based content according to USDA's BioPreferred program (FSRIA, GP, and EO13423)



# Tenant Engagement: Key Components

- Find common ground
- Know your tenant agencies
- Partner wherever possible
- Seek input/feedback
- Leverage resources
- Share successes



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# Featured Project: San Ysidro LPOE



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# We Want to Hear from You!



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